CONCORDIA UNIVERSITY

VICE-RECTOR'S BULLETIN

FACULTY OF ARTS AND SCIENCE

OCTOBER 1983 - BULLETIN NO. 21

The next Vice-Rector's Bulletin will be published in early February 1984. Deadline for submissions is 13 January 1984. Please send all submissions to Mr. D.L. Boisvert, Administrative Assistant to the Vice-Rector, Academic, Faculty of Arts and Science, Room AD-233, Loyola Campus.

FACULTY ACTIVITIES ...

DR. L. AHMAD (Department of Economics)

- presented the following invited papers:

"Some Structural Aspects of the Commodity Price Stabilization Program", at the Arne Ryde 1983 Symposium on the Primary Sector in Economic Development at the University of Lund, Sweden, August 1983.

"Inflationary Expectations and Price Interdependence under Floating Exchange Rates" at the 7th World Congress of the International Economic Association, Madrid, Spain, September 1983.

DR. F. ANTOLIN (Modern Languages and Linguistics)

- presented the following papers:

"El licenciado Vidriera and D. Quixote", at the Romance Literatures Conference, Cincinnati, Ohio, May

"El realismo critico de Angel González", at the 51e congrès d'ACFAS (Association Canadienne-Française pour l'Avancement des Sciences), Trois-Rivières, May 1983.

DR. J. BARIBEAU (Department of Psychology)

- presented the following papers:

"Differential Topographical Analyses of Auditory Components in a Selective Attention Task" (with B. Renault, D. Dalbokova, and F. El Massioui) to EPIC VII, the Seventh Evoked Potential International Conference, Florence, Italy, September 1983.

"Capacités d'attention chez les sujets veillissants" (with A. Rémond) at the Symposium international sur le veillissement cérébral, Monte Carlo, May 1983.

"The Status and Position of Psychology among the Sciences" (with C. Braun), at the 15th Annual Meeting of CHEIRON - The International Society for the History of Behavioral and Social Sciences, at York University, Toronto, June 1983.

"Les mécanismes attentionnels dans les psychoses" at the Colloque sur la schizophrénie, Chailles, France, August 1983.

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DR. C.L. BERTRAND (Department of History)

- published an article entitled "The Biennio Rosso: Anarchists and Revolutionary Syndicalists in Italy, 1919-1920" in Historical Reflections, vol. 9, no. 3 (Fall 1982), 383-402.

DR. G. BOYD (Department of Education)

- chaired the Confluence '83 conference in Montreal, a joint conference between ADATE, L'Association pour le développement de l'audiovisuel et de la technologie en éducation, and AMTEC, Association for Media and Technology in Education in Canada, McGill University, June 1983.

DR. M.A. BOZARTH (Department of Psychology)

- presented the following invited papers:

  "Brain Mechanisms of Opiate Reinforcement", (with R.A. Wise), at the 54th Annual Meeting of the Eastern Psychological Association, Philadelphia, Pa., April 1983.

  "Neural Substrate of Opiate Reinforcement", (with R.A. Wise) at the 6th Annual Meeting of the Canadian College of Neuropsychopharmacology, Saskatoon, Sask., May 1983.

  "Sites for Opiate Reinforcement and Opiate Dependence" (with R.A. Wise), at the 9th Annual Meeting of the International Society for Neurochemistry, Vancouver, B.C., July, 1983.

- published the following articles:

  "Opiate Reward Mechanisms Mapped by Intracranial Self-Administration" in Neurobiology of Opiate Reward Processes, J.E. Smith and J.D. Lane (Eds.), Amsterdam: Elsevier/North Holland Biomedical Press, 1983, (pp. 331-359).

  "Dissociation of the Rewarding and Physical Dependence-producing Properties of Opiates", (with R.A. Wise), in Problems of Drug Dependence, 1982, L.S. Harris (Ed.), Rockville, Maryland: National Institute on Drug Abuse, 1983 (pp. 171-177).

  "Reversal of Morphine-induced Catalepsy by Naloxone Micro-injected into Brain Regions with High Opiate Receptor Binding: A Preliminary Report, in Pharmacology Biochemistry & Behavior, (with R.E. Wilcox, & R.A. Levitt), 1983, 18, 51-54.

DR. E. BRUSSELL (Department of Psychology)

- gave an invited lecture entitled "The Psychophysics of Multiple Sclerosis" at the Department of Neurology, Montreal General Hospital, May 1983.

- presented papers with C. White and graduate students in Psychology at the Annual Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida, May 1983, entitled "Monitoring the Visual Consequences of Multiple Sclerosis with Multi-Flash Campimetry" and "Assessing the Extent of Ophthalmological Disorders with Multi-Flash Campimetry".

DR. P. CAPPELIEZ (Department of Psychology)

- presented the following invited paper:

  "Behavioral and Biochemical Correlates of Lithium-Induced Changes in Attentional Processes in the Rat", at the 4th Trace Element Symposium of the Karl-Marx University of Leipzig and Friedrich Schiller University of Jena, Jena, German Democratic Republic, July 1983.

- gave the following invited lectures:

  "Behavioral Effects of Benzodiazepines in Animals and Animal Models of Depression", for Diamant and Hoechst Laboratories, Grenoble, France, May 1983.

  "Behavioral Pharmacology of Lithium", for Hôpital des Sablons, Centre Hospitalier Universitaire de Grenoble, Grenoble, France, June 1983.

DR. KWOK CHAN (Department of Applied Social Science)

- completed the following project:

  "The Montreal Chinese Community Photographic Exhibition: An Alternative Community Development Strategy", Palais des Congrès Montreal, August 1983.

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- chaired the following sessions:

  "Chineese Communities in Canada: Regional Variations and Prospects for Future Research", at the Canadian Sociology and Anthropology Annual Meetings, University of British Columbia, Vancouver, B.C., June 1983.

  "Culture and Culture Change", and presented a paper entitled "Uprooting, the Family and Mental Health: The Resettlement of Indochinese Refugees in Canada" at the Symposium on Refugee Resettlement: Indo-Chinese in Transition, University of British Columbia, Vancouver, B.C., July 1983.

- published the following articles:

  "Resettlement of Vietnamese-Chinese Refugees in Montreal: Some Socio-Sychological Problems and Dilemmas", (with Lawrence Lam) in Canadian Ethnic Studies, Vol. XV, Nol. 1, 1983.

  "Wife-Beating: Some Substantive and Theoretical Issues", and "Marital Stability and Marital Commitment in a Rural Dutch Community", (with K. Ishwaran) in Marriage and Divorce in Canada, K. Ishwaran (Ed.), Methuen Publications, 1983.

  "Structures and Values of the Chinese Family in Vietnam" (with Lawrence Lam) in The South East Asian Environment, Douglas Webster (Ed.), The University of Ottawa Press, 1983.

DR. K.S. DHINDSA (Department of Biology)

- published an article entitled "Cytochemical Studies Demonstrating the Effect of Monosodium Glutamate on RNA Concentration in Neurons in Mice", Acta Anatomica, Vol. 116, (pp. 201-205),July 1983.

DR. D. DIBATTISTA (Department of Psychology)

- presented a paper entitled "Food-Deprivation and Insulin-Induced Feeding in the Hamster" at the Annual Meeting of Canadian Psychological Association, Winnipeg, June 1983.

- published the following articles:

  "Food-deprivation and Insulin-indiced Feeding in the Hamster" Physiology and Behavior, Vol.30, (pp. 683-687), 1983.

  "Transplacental Effects of 3, 5-dimethl-3'-isopropyl-L-Thyronine (DIMIT) on Fetal Hypothroidism in Primates" (with L.K. Bachrach, G.N. Burrow and F.J. Holland) in Endocrinology, Vol. 112, (pp. 2021-2024), 1983.

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DR. A.B. DOYLE (Department of Psychology)

- presented the following papers at the Society for Research in Child Development Symposium, Detroit, Mi., April 1983:

  "The Tower of Babel: Children's Cognitions About Ethnolinguistic Group", (with Johnny N.K. Yap).

  "Social Fantasy Play as a Forum for the Practice of Social Skills: Features of Fantasy and Non-fantasy Peer Interaction", (with J.A. Connolly and E. Reznick).

- and at the Canadian Psychological Association Symposium, Winnipeg, Man., June 1983:

  "Social Fantasy: Component Features and Their Relationships to Preschool Social Competence", (with J.A. Connolly).

  "Friendship in Normal and Behaviorally Deviant Children" (with R. Feltham).

- published an article entitled "Forms and Functions of Social Fantasy Play in Preschoolers", in Child's Play: Sex Differences and the Acquisition of Cognitive and Social Skills, M. Liss (Ed.), New York: Academic Press, 1983.

DR. H. FAMIRA (Modern Languages and Linguistics)

- published a book review on "Walter Röll: Oswald von Wolkenstein", in Seminar XIX, Vol. 2.

- presented a paper entitled "Josef Weinheber: Das Waisenhaus. Bemerkungen Zum Pubertätsroman" at the Annual Meeting of ACFAS at the U.Q.T.R., Trois Rivières, May 1983.

DR. M. FARRELL (Department of Education)

- presented the following papers:

  "The Self Concept of the Academically Gifted Low Income Child" at the Fifth World Conference on Gifted and Talented Children, Manila, Philippines, August 1983.

- published an article entitled "An Examination of Achievement Related Behavior of High and Low Achieving Inner City Pupils" in Psychology in the Schools 1983, Vol. 20, (pp. 328-336).

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ASSOCIATE PROFESSOR A. M. GALLER (Library Studies Programme)

- published an article entitled "Fighting the Middle Age Blues - Is the Public Library Winning the Battle?", in the ABQ/QLA Bulletin, Vol. 24, No. 2, (pp. 3 - 11).

DR. J.F. GAVIN (Department of Applied Social Science)

- presented the following papers at the Academy of Management, Dallas, Texas, August 1983:

  "A Model for Understanding Personal Change Through the Learner's Perspective", (with M. Taylor).

  "A field Study and Replication of the Survey Feedback Method" (with J.C. Montgomery).

  "Work Group Dynamics: A Causal Model Using Confirmatory Factor Analysis", (with M.M. Beyerlein).

  and to TRAM X (Training Resources Applied to Mining) at Pennsylvania State University, State College, Pa. August 1983: "The Hidden Benefits of Training Needs Analysis".

- conducted a seminar, by invitation, entitled "OJT: On-the-Job Translations - New Paradigms for Communication", at SUNY, Binghamton, N.Y., September 1983.

- published the following:

  "A Field Study and Replication of the Survey Feedback Method" (with J.C. Montgomery), in the Academy of Management Proceedings, 1983.

  an article entitled "Content and Process of Survey Feedback Sessions and Their Relating to Survey Responses: An Initial Study" (with P.C. Krois) in Group and Organization Studies, 1983, Vol. 8, No. 2 (pp. 221-247).

  "The Hidden Benefits of Training Needs Analysis" in the TRAM X Proceedings, 1983.

LECTURER M. GUTIERREZ (Modern Languages and Linguistics

- presented a paper entitled "Felipe: el personaje olvidado en Aura de Carlos Fuentes", at the VIII Congreso de la Asociacion Internacional de Hispanistas, at Brown University, Providence, R.I., August 1983.

DR. R. HALL (Department of Mathematics)

- published the following articles:

  "A Geometrical Theory of Energy Trajectories in Quantum Mechanics", J. Math. Phys. 24 (1983).

  "The inequality $\{\frac{1}{2}N(N-1)\}^{-1}E_N \leq \{\frac{1}{2}K(K-1)\}^{-1}E_K$, $2 \leq K < N$, relating two systems of identical bosons", Phs. Rev. D27 (1983) (pp. 2379-2382).

ASSOCIATE PROFESSOR H.J.C. HILL (Department of English)

- presented a paper entitled "A Brief History of the Establishment of the Holistically-Graded University-Wide Writing Test at Concordia University in Montreal, at the Wyoming Conference on Freshman and Sophomore English, Laramie, Wyoming, June 1983, (read by Ritva Seppanen).

DR. A. HILTON (Department of Psychology)

- presented a paper entitled "Facteurs cognitifs de la discrimination des propriétaires Québécois-francophones de Montréal envers des locataires de différentes origines ethniques", (with L. Potvin), at the meeting of the Canadian Psychological Association, Winnipeg, Man., June, 1983.

DR. C.S. KALMAN (Department of Physics)

- published the following articles: "ψ and Υ Systems in a Consistent Quark Model" (with N. Mukerji) (2114); and "Ground State and P-wave Chamred Baryons in a Consistent Quark Model with Huperfine Interactions" (with D. Pfeffer), Physical Review D27, 1983 (1648).

DR. R. KASS (Department of Applied Social Science)

- conducted the following workshops:

  "Leadership and Problem Solving", South Shore Protestant School Board, Department of Continuing Education, June 1983.

"The Dynamics of the Changing Images of the Family", Canadian Association for the Treatment and Study of Families, Ste.-Marguerite, Quebec, June 1983.

"Decision Making and Leadership in Groups", Ville Marie Social Services, Montreal, June 1983.

- prepared a manual entitled:

"Survey of Group Development Programs", Centre for Human Relations and Community Studies, 1983.

DR. A. KAWCZAK (Department of Philosophy)

- published an article entitled "La philosophie polonaise du XXe siecle" in Petite Revue de Philosophie, Printemps 1983, Vol. 4, No. 2.

- presented the following papers:

"The Development of the Theory of Positive Disintegration between 1970 and 1980" and "New Studies of the Polish National Character" at the Conference on Positive Disintegration at the University of Alberta in Edmonton, Ala., November 1982.

"Development of Personality and the Concept of Education" at The Future of Education Conference, Canadian School of Management, Toronto, June 1983.

"Conflicts of Civilizations" and "The Essence of the Polish National Tradition" at the University of World Polonia in Rome, Italy, August 1983.

DR. D. LEVY (Département d'Etudes Françaises)

- a participé au Congrès des Sociétés Savantes dans le cadre de L' APFUCC, le 28 mai 1983 à Vancouver. Titre de la conférence: Voltaire: L'engagement politique total.

ASSOCIATE PROFESSOR F. LIGIER (Département d'Etudes Françaises)

- a participé, sur l'invitation de l'Office de la langue française, à la validation du contenu linguistique des nouveaux examens de français destinés aux infirmières et infirmières auxiliaires.

- a participé au XXVIe Congrès de L' APFUCC. Titre de la communication: Un cours de langue pas tout à fait comme les autres? à Vancouver, 1er juin 1983.

DR. M.F. MALIK (Department of Communication Studies)

- participated in the colloquim "Evolution of Life and Information Life of Matter, at Max-Planck Institute, fuer Biokybernetik in Thubingen, Germany with his lecture "Biometric Future of 21St Century, June 1983.

- was invited by the Swiss Broadcasting Corporation, Bern Switzerland, to test a new electronic system for evaluation of television programmes "SGR Telecontrol", July 1983.

- participated in the retreat of European professors of film and television schools in Locarno, Switzerland, with the research proposal "Communication Media Information Symbols", July 1983.

- was invited by the University of Utrecht, Kunsthistoriches Institute, Hollard, to speak on the theme "Biometric Evaluation of the Information Impact of Art", August 1983.

- spoke to the Ultrecht University Sociological Institute, on the theme "Biometric Research in Cross-Cultural Communication Situations", August 1983

- attended the Fourth Workshop on the Biocybernetics of the Media/Musik and presented the paper "Biocybernetic Approach to the Communication Analysis of Knephonic Information Complexes", Ossiach, Austria, August 1983.

DR. N. METALLINOS (Department of Communication Studies)

- published the following articles:

  "The Meaning of Pictures" in Media in Education and Development, Vol. 16, pp. 91-94, 1983.

  "Biometric Research Instruments and Measuring Techniques" in Seeing Ourselves: Visualization in Social Context, R. A. Braden and A. D. Walker (Ed.), Virginia Polytechnic Institute and State University, Blacksburg, VA, pp 171-175, 1983.

- presented the following papers:

  "Theories and Research in the Perception of Television Pictures", at the Mini-Seminar on Media Effects: "Feeling and Knowing from the Box", McGill University, Montreal, September 1982.

  "Holography and Sterophonic Television: Dimensions in the Future of Visual Communication Media," at the 14th International Conference of the International Visual Literacy Association, Vancouver, B.C., November 1982.

ASSOCIATE PROFESSOR J. MOORE (Department of Political Science)

- published an article entitled "Gershom Carmichael and the Natural Jurisprudence Tradition in Eighteenth-Century Scotland" (with Michael Silverthorne) in Wealth and Virtue: The Shaping of Scottish Political Economy, ed. by I. Hont and M. Ignatieff. Cambridge University Press: 1983, pp. 73-87.

PROFESSOR R.D. McDONALD (Department of Applied Social Science)

- conducted a simulation with 200 administrators, faculty and support staff on "Communications in the Organizations", for the Centre for Human Relations and Community Studies, New Brunswick Community College, Saint Johns, N.B., June 1983.

DR. P. MORLEY (Department of English)

- presented the following papers:

  "William Kurelek: The Man and the Myth", to ACQL at the Learned Societies, Vancouver, B.C, May 1983.

  "Creating Ourselves: Traditions/New Directions in Canadian Women Writers", and took part in a panel discussion on English-Canadian and French-Canadian Women's Writing, at the Women and Words Conference, Vancouver, June 30 - 3 July, 1983.

DR. C. NISH (Department of History)

- was a member of the following panels:

  "The Italian Roots of Quebec", Associazione culturale dei professionisti e laureati canadesi-italiani, Montreal, April 1983.

  "L'Enseignement de l'histoire nationale au Québec," Canal 10, May 1983.

DR. C. PERRY (Department of Psychology)

- was invited to give a lecture entitled "Dissociative Phenomena and Hypnosis" to the 91st annual convention of the American Psychological Association, Anaheim, CA, August 1983.

- published the following articles:

  "Dissociation, Duality and Demand Characteristics in Hypnosis" (with H. Nogrady, K, McConkey and J.-R. Laurence), in the Journal of Abnormal Psychology, 1983, 92, 223-235.

  "Hypnotizability and Phobic Behavior: Further Supporting Data", (with R. John, and B. Hollander) in the Journal of Abnormal Psychology, 1983 92, 390-392.

  "The Enhancement of Memory by Hypnosis in the Legal Investigative Situation", (with J.-R. Laurence) in the Canadian Psychology/Psychologie Canadienne, 1983, 24, 155-167.

  "Forensic Hypnosis in the Late Nineteenth Century", in the International Journal of Clinical and Experimental Hypnosis, 1983, 31, 266-283.

DR. L. ROTHKRUG (Department of History)

- presented the following papers:

  "The Mythology of the Peasant, 1450-1939" at the Interdisciplinary Workshop for Peasant Studies, University of British Columbia, Vancouver, B.C., August 1983.

  "Religion and Revolt in the Origins of the Great Peasant Wars" Annual Birk's Lectures, McGill University, Montreal, October 1982.

DR. A.E. SCHWARTZMAN (Department of Psychology)

- chaired a symposium entitled "Aggressive, Withdrawn and Rejected Children: Stability and Behavioral Characteristics" at the Meeting of the Society for Research in Child Development, Detroit, April 1983.

- presented the following papers:

  "Stability and Change of Aggression and Withdrawal in Middle Childhood and Adolescence" and "A Longitudinal Investigation of Aggressive and Withdrawn Children" at the Meeting of the Society for Research in Child Development, Detroit, April 1983.

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"Grade-related Differences in the Structure of Teachers' and Children's Perceptions of Agression and Withdrawal" and "Developmental Level of Concepts of Self and Significant Others in Adolescents at Risk" at the Meeting of the Canadian Psychological Association, Winnipeg, Man., June 1983.

DR. L. SERBIN (Department of Psychology)

- presented the following papers:

"The Salience of Gender as a Dimension for Classification and Affiliation Between the Ages of Three and Seven", (with C. Sprafkin), and "Naturalistic Observations of Peer-Identified Aggressive, Withdrawn, Aggressive-Withdrawn, and Comparison Children" (with J. Lyons, K. Marchessault and D. Morin), at the Society for Research in Child Development Detroit, April 1983.

"Sex Role Salience: The Cognitive Readiness to Use Masculinity and Feminity as Dimensions for Organizing Information about Oneself and Others" (with S. Bryntwick) at the Canadian Psychological Association, Winnipeg, Man., June 1983.

DR. M.L. SHAMES (Department of Psychology)

- presented a paper entitled "Caveat Experimentor: On the Pitfalls of Experimentation, with Especial Reference to Control Groups", to the 7th International Congress of Logic Methodology and Philosophy of Science, Salzburg, Austria, July 1983.

- published the following articles:

"Experimenter Bias and the Biased Experimental Paradigm" in The Limits of Lawfulness: Studies on the Scope and Nature of Scientific Knowledge, Lanham, M.D.: University Press of America, Inc. 1983.

"Caveat Experimentor: On the Pitfalls of Experimentation, with Especial Reference to Control Groups, in Abstracts of Section 6, 7th International Congress of Logic, Methodology and Philosophy of Science, Vol. 3, 1983, pp. 227-230.

DR. P. SHIZGAL (Department of Psychology)

- presented the following papers: "Self-Stimulation of the Lateral Hypothalamus and Substantia Nigra: Excitability Characteristics of the Directly Simulated Substrates" and "A Psychophysical Investigation of the Substrate for Self-Stimulation of the Prefrontal Cortex", at the Annual Meeting of the Canadian Psychological Association, Winnipeg, June 1983.

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DR. J. STEWART (Department of Psychology)

- gave the following invited lectures:

  "Conditioned and Unconditioned Drug Effects in Opiate and Stimulant Drug Self-administration", presented to the Canadian College of Neuropsychopharmacology Annual Meeting, Winnipeg, Man., May 1983.

  "Conditioned and Unconditioned Factors in Opiate and Stimulant Use", presented to the Canadian Psychological Association Annual Convention, Winnipeg, Man., June 1983.

- presented a paper entitled "Incentive Properties of Opiates and Stimulates" to the American Psychological Association Annual Convention, Anaheim, August 1983.

DR. S.J. SULLIVAN (Department of Exercise Science)

- presented a paper entitled "Systematic Changes in the Amplitude of the M_2 Reflex Prior to Movement" to the annual meeting of the North American Society for the Psychology of Sport and Physical Activity held at Michigan State University, Lansing, Mi., May 30 - June 1, 1983.

DR. M. TAYLOR (Department of Applied Social Science)

- presented a paper entitled "A Model for Understanding Personal Change Through the Learner's Perspective" (with Dr. James Gavin) at the Academy of Management in Dallas, Texas, August 1983.

DR. G. VALASKAKIS (Department of Communication Studies)

- published the following articles:

  "Communication and Control in the Canadian North: The Inuit Experience" in Communications in Canadian Society B. Singer, (Ed.), Addison-Wesley, Don Mills, Ontario, 1983.

  "Chinese Journalism on Tour: A Canadian Perspective" in Canada-China Journal, Vol. III, No. 2, 1983.

- presented the following papers:

  "Technology Transfer and Native Northerners" at the annual meeting of l'Association de la Recherche en communicaton du Québec, April 1983.

  "Visible Minorities and Television: Implications for Native Identity and Acculturation Patterns" at the Canadian Communication Association meeting in Vancouver, June 1983.

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DR. D.R. WHITE (Department of Psychology)

- conducted the following poster presentations:

"The Development of Self- and Body-esteem in Overweight Youngsters", (with B.K. Mendelson), at the Society for Research in Child Development, Detroit, Mi., April 1983.

"Development and Preliminary Analysis of the Children's Eating Inventory and Feeding Attitudes Questionnaire" (with J.R. Isbitsky), at the Canadian Psychological Association, Winnipeg, Man., June 1983.

"Social Adjustment and Social Behavior in Adolescents: A Correlative Study" (with R. Stevens, S. Burnstein, & J. Connolly), at the Canadian Psychological Association, Winnipeg, Man., June 1983.

- presented a paper entitled "Body Type Recognition and Aversion to Overweight Peers in Preschool Children", to the Society for Research in Child Development, Detroit, Mi., April 1983.

- published an article entitled "La formation des préjugés liés à l'apparence physique chez les jeunes enfants d'âge présolaire (with K. Mauro & J. Spindler), in Apprentissage et Socialisation, 1983, 6,(pp. 68-74).

DR. R. WISE (Department of Psychology)

- presented the following papers:

"Opiate Reward Mechanisms of the Brain." British Association of Psychopharmacology, London, May 1983.

"Brain Reward Circuitry: Four Elements Wired in Series.", Canadian Association for Neuroscience, Ottawa, June 1983.

"Dopamine and the Interface of Mind with Brain." American Psychological Association, Anaheim, August 1983.

"Neural Substrates of Opiate Reinforcement" (with M.A. Bozarth) at the Canadian College of Neuropsycholpharmacology, Winnipeg, May 1983.

"Neural Substrate of Opiate Reward" (with M.A. Bozarth) at the International Society for Neurochemistry, Vancouver, June 1983.

"Self-Stimulation From Dopamine Terminal Fields." (with R.A. Prado-Alcala) at the Joint Meeting of the Western Pharmacology Society, Texas Pharmacologists and Association Mexicana de Farmacologia, Puerto Vallarta, June 1983.

- published the following articles:

"Ventral Tegmental Site of Opiate Reward: Antagonism by a Hydrophilic Opiate Receptor Blocker" (with M.D. Britt), Brain Research, 1983, 258, (pp. 105-108).

"Time Course of Pimozide Effects on Brain Stimulation Reward" (with J. Atalay), Pharmacology, Biochemistry and Behavior, 1983, 18, (pp. 655-658).

"Brain Neuronal Systems Mediating Reward Processes", J.E. Smith and J.D. Lane (Eds.), Neurobiology of Opiate Reward Mechanisms, New York: Raven Press, 1983, (pp. 405-437).

"Anatomical Dissociation of Reward-Relevant and Dependence-Relevant Opiate Receptors" (with M.A. Bozarth), Problems of Drug Dependence, L.S. Harris (Ed.), Washington D.C.: National Institute on Drug Abuse, 1983.

"Ethanol and Brain Mechanisms of Reward" (with A. Routtenberg), Biology of Alcoholism, B. Kissin and H. Begleiter (Eds.), New York: Pergamon, 1983 (pp. 77-105).

Dr. B. WOODSIDE (Department of Psychology)

- conducted the following poster presentations:

"Influence of Litter Size, Day Post-Partum and Ambient Temperature on Timing of Milk Ejections in the Rat" (with J.E. Jans), at the Conference on Reproductive Behavior, Tufts University, Boston, Ma., June 1983.

"The Effects of Handling and Nest Conditions on the Development of Rats" (with J.E. Jans, & S. De Villers) at the Meeting of the Canadian Psychological Association, Winnipeg, June 1983.

- presented a paper entitled "Protein Intake in the Rat: A Function of Reproductive State and Properties of Diet" (with L.R. Cohen) at the Meeting of the Eastern Psychological Association, Philadelphia, April 1983.

- published articles in Physiology and Behavior, 1983, 30, entitled "Energetic Limits on Reproduction: Maternal Food Intake" (with M.A. Leon) (pp. 945-957); and "Energetic Limits on Reproduction: Interaction of Thermal and Dietary Factors, (with M.A. Leon, C. Fischette, & P. Chee) (pp. 937-943).

Dr. R. ZIENIUS (Department of Chemistry)

- published the following articles:

  "Effect of Sample Concentration and Column Support Material on the GC Analysis of Phorate Disyston, and Malathion" (with I.M. Haniff) in J. of Chromatogr. Sci., 21, 1983 (pp. 154-160).

  "Column Temperature Effects on Gas Chromatography Responses to Organophosphorus Pesticides" (with I.M. Haniff) in the Journal of Chromatography, 264, 1983 (pp. 33-46).

- presented papers at the 66th CIC Chemical Conference in Calgary, June 1983, entitled "Preparation and Gas Chromatography of Metal Diethyldithiocarbamates" (with N. Carvajal); and "Complexing of Atrazine by a Well-Characterized Fulvic Acid" (with I.M. Haniff, C.H. Langford, & D. Gamble).